

Data Collection Plan

West Basins Planning Area
Stakeholders Meeting
July 27, 2016

Gerry Walker, Deputy Assistant Director
Arizona Department of Water Resources



PROTECTING
ARIZONA'S WATER SUPPLIES
for ITS NEXT CENTURY

Municipal Demand Data Collection

- Use available ADWR municipal data – CWS reports
 - Determine averages and trends
- Use other available data – ACC annual reports
 - Determine averages and trends
- Calculate a volume for per capita water use
 - May be different if different classes are identified
- Apply per capita water use to the population
- Projected water use dependent on stakeholder input

Industrial Demand Data Collection

- Identify location and type of industrial uses
 - Use satellite imagery, aerial photography, Google Earth
 - Use other ADWR sources
 - Use County Assessor's information
 - Use records from other agencies
 - Field investigation and reconnaissance
- Determine water use associated with facilities
 - Other reported water use information
 - Contact facilities
 - Estimates from similar facilities that report to ADWR
- Projected water use dependent on stakeholder input

Agricultural Demand Data Collection

- Primary source of data is USGS water use information
- Adjust USGS data as needed based on other agency data, local conditions, local knowledge
- Utilize satellite imagery, aerial photography and Google Earth for confirmation
- Projected water use dependent on stakeholder input

Questions?

Gerry Walker,

Deputy Assistant Director of Water Planning

Phone: 602.771.8511

glwalker@azwater.gov

www.azwater.gov



**PROTECTING
ARIZONA'S WATER SUPPLIES
for ITS NEXT CENTURY**